

UNCLASSIFIED

1. **BACKGROUND.** ADCOM is currently working on an interface between SPADOC and the Air Force Satellite Control Facility (AFSCF) to permit the exchange of information with AFSCF for satellite control. The secret actions are proceeding as scheduled.

2. **BACKGROUND.** As part of the Command's overall effort to modernize and improve its command and control system, ADCOM is currently working on an interface between SPADOC and the Air Force Satellite Control Facility (AFSCF) to permit the exchange of information with AFSCF for satellite control. The secret actions are proceeding as scheduled. On 11 Oct 79 and to SD/TV, ADCOM staff on 5 Nov 79. The ADCOM-SD MCA plan is being developed between SPADOC and SD, including the satellite system, the Office, Space and Missile Test Organization, and the AFSCF. The details of the interface to each element of the system will be specified in subsequent ICDs. The proposed MCA between ADCOM and SD has been coordinated within and agreed to by the relevant staff and is waiting final signatures. The draft for the AFSCF interface the ADCOM requirements for AFSCF support to ADCOM and to establish procedures for AFSCF support to ADCOM in the event of hostile space events.

3. DISCUSSION.

a. AFSCF is a system of seven command and control stations strategically located around the earth with the central control facility at Sunnyvale AFS. It provides on-orbit support to many military satellite systems. The SPADOC-AFSCF ICD specifically defines the methods and procedures for receiving status on the AFSCF peculiar assets as well as health and status information on the serviced satellites once the satellite owners have agreed to support ADCOM via a MCA and ICD.

b. In addition, ADCOM has recently made inputs to the specification for an AFSCF computer upgrade program (termed Data System Modernization). These inputs would allow future computer-to-computer exchange of warning data with SPADOC and thus permit specific active survivability countermeasures to be employed on a timely basis. (FYI: CINCAD has an established policy that he will control countermeasures for any system that has delegated the responsibility to him. During the CINC's review of the SPADOC MCA briefing, further guidance indicated CINCAD indexes pursuit of control of the countermeasures unless directed otherwise.)

1. SPADCC interface with the Consolidated Space Operations Center (CSOC), when it becomes operational in 1985, is expected to be at least as extensive as that with the AFSCF. It is anticipated that the CSOC recognizes this relationship with the SPADCC. The near-proximity of the SPADCC to CSOC will certainly provide interfaces which take into account the mutually supportive nature of these facilities.

2. CONCLUSION: Since many military facilities are serviced by the AFSCF, it is important that the SPADCC-AFSCF interface be maintained and improved. As each AFSCF service satellite enters its maintenance, the AFSCF and CSOC, having an existing link with AFSCF will be diligent in bringing them into the SPADCC system.

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